

Title (en)

Filter assembly and filter element for use in the assembly

Title (de)

Filterbaugruppe und Filterelement zur Verwendung in der Baugruppe

Title (fr)

Ensemble de filtre et élément de filtre pour un tel ensemble

Publication

EP 2848297 B1 20161102 (EN)

Application

EP 14183116 A 20140902

Priority

- GB 201315625 A 20130903
- GB 201407442 A 20140428

Abstract (en)

[origin: EP2848297A1] A filter assembly is provided for collecting material that is entrained in a fluid stream. The assembly includes a removable filter element having a tubular filter through which, in use, the fluid stream flows, and an end cap providing a flow conduit which extends between a first conduit opening and a second conduit opening communicating with the internal void of the tubular filter, the axis of the first conduit opening being at an angle to the axis of the tubular filter. The assembly further includes a housing for the filter element, the housing having inlet and outlet ports for the fluid stream, a housing bowl in which the tubular filter is located, and a housing head which provides at least one of the ports as a docking port for the first conduit opening. The housing head and the end cap are arranged such that the end cap is inserted into the housing head, and then rotated relative to the housing head about an axis perpendicular to the axis of the tubular filter and to the axis of the first conduit opening to bring the first conduit opening and the docking port into sealed communication.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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